

Release Notes for Cisco Catalyst 9800 Series Wireless Controller, Cisco IOS XE Dublin 17.12.5

Base WLC Code: 17.12.5

The base Catalyst 9800 version must be 17.12.5 to install these SMUs & APSPs.

Notes:

APSP - AP Service Pack to fix AP issues.

- WLC reload is not required. Once installed, APs will proceed to update images and go with staggered reboot.

SMU - WLC patch fix.

- COLD/RELOAD SMU – Requires WLC reload.
- HOT/HITLESS – Seamless WLC patch fix.

Support matrix for Prime Infrastructure - PI/ISE/SDA/DNAC/DNA Spaces/IRCM remains as documented in the Release Notes per Compatibility matrix -

https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/17-9/release-notes/rn-17-9-9800.html#id_104423

SMU & APSP Install Instructions:

<https://www.cisco.com/c/dam/en/us/td/docs/wireless/controller/9800/17-3/deployment-guide/c9800-ha-rau-apsd-apdp-issu-dg-rel-17-3.pdf>

APSP Resolved Caveats:

CSCWq58794 APSP6 17.12.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.12.5.206

CSCWp62799 C9130AX - RHL bootup failure due to Wbpll handshake failure.

CSCwp61910 C9130AX - RHL driver bootup failure causes sh crash, which triggers kernel panic.

CSCwp80222 Kernel errors "cisco_wlan_crypto_decap: Key is NULL" populate when an iPhone connects/disconnects

CSCwo75806 Reassoc Response from AP is delayed for over 200ms on AP WCP component intermittently

CSCwq46520 APSP5 17.12.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.12.5.205

CSCwq19861 IOX app not able to communicate with IOT chip

CSCwq35151 APSP4 17.12.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.12.5.204

CSCwn81268 Due to switch reload when AP boots up, IOX-APP is starting before USB is detected

CSCwp38822 9166 will not allow 802.1x QoS WLAN markers/VAP but will Open and PSK

CSCwp07242 9105 AP stops acking frames due to rxstuck

CSCwo58100 9130, and 916x APs on 17.12.x drop the EAP response coming from the AAA server

CSCwp59643 COS AP Crash due to Soft lockup and Null pointer dereference in 17.12.4

CSCwq01155 APSP3 17.12.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.12.5.203

CSCwi53615 The operation state of the 6Ghz radio goes down after enabling dual-band.

CSCwj32611 AP kernel panic: "vmap allocation for size 2093056 failed: use vmalloc=<size> to increase size."

CSCwn89252 AP running 17.15.2 not possible to install Solum IOX APP

CSCwp21680 APSP2 17.12.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.12.5.202

CSCwo16038 9124 WGB becomes unreachable connecting to 2800 Root AP when WMM is Disabled

CSCwo72236 AP printing log every 30 seconds : "RTNETLINK answers: No such file or directory"

CSCwn18885 Wi-Fi6E/7 AP reboot with Access Violation without crash files, reload reason 'unknown'

CSCwo94810 IOT client with TI WiFi module(PIT truck) cannot associate to 916x/9130/917x

CSCwo99496 APSP1 17.12.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.12.5.201

CSCwo46493 9136 AP Dual Ethernet Failover Reboots

CSCwo08563 SFTP copy not working with IPv6 on COS APs

CSCwo19025 High Channel Utilization On AP 9166D 6GHZ Radio

CSCwj40021 WLC 9800 AP hostname not displayed completely in out bound syslogs

CSCwo04380 Beacons stuck on Radio 1 on 9162 APs after upgrade to 17.12.4.158

CSCwo05017 Unbounded /tmp causing OOM reset in 9162 AP

CSCwo61838 9120 / 17.12.4 ESW13 / Crash due to OOM process GRPC

CSCwo34769 91xx AP in Flex not advertising RSNxE in probe response

SMU & APSP SPECIAL USE DISCLAIMER

The SMU & APSP supplied herewith is a Temporary Software Module which has undergone limited testing. The SMUs & APSPs can be installed on production to mitigate the Software issues. Customers are requested to migrate to next CCO release (Maintenance Release) when fixes are made available. Customers may not be provided with additional SMU & APSP fixes on this Branch when next CCO code (Maintenance Release) has fixes already integrated. **This code is supported by the TAC organization.**

